

AUG 29 2006

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& PRESSER****Fax**

**To:** Examiner: Long Pham  
Art Unit: 2814

**From:** Leslie S. Szivos

**Fax:** 571-273-8300

**Pages:** 14 pages including fax cover sheet

**Phone:**

**Date:** 8/29/2006

**Re:** U.S. Patent Appln. No. 10/662,900  
Filed: September 15, 2003  
Docket: YOR920030218US1(16714)  
Confirmation No. 1278

**CC:**

## RESPONSE TO OFFICE ACTION

Please see the following documents:

1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response under 37 C.F.R. § 1.111 (10 pages)
4. Certificate of transmission by facsimile dated August 29, 2006

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.  
Thank you.

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# 2 / 14

AUG 29 2006

**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)**

Applicant(s): Cyril Cabral, Jr., et al.

Docket No.

YOR920030218US1(16714)

Application No.

10/662,900

Filing Date

September 15, 2003

Examiner

Long Pham

Group Art Unit

2814

Invention: **REDUCTION OF SILICIDE FORMATION TEMPERATURE ON  
SiGe CONTAINING SUBSTRATES**

I hereby certify that this RESPONSE UNDER 37 C.F.R. § 1.111

*(Identify type of correspondence)*

is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 571-273-8300)

on August 29, 2006

*(Date)*


Leslie S. Szivos, Ph.D.

*(Typed or Printed Name of Person Signing Certificate)*

*(Signature)*


Note: Each paper must have its own certificate of mailing.

P18/REV02

|  |  |                              |  |                               |   |  |
|--|--|------------------------------|--|-------------------------------|---|--|
| <b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>   |  |                              |  |                               | Docket No.<br><b>YOR920030218US1(16714)</b> |  |
| Applicant(s): <b>Cyril Cabral, Jr., et al.</b>   |  |                              |  |                               |   |  |
| Application No.<br><b>10/662,900</b>   | Filing Date<br><b>September 15, 2003</b> | Examiner<br><b>Long Pham</b> | Customer No.<br><b>23389</b>   | Group Art Unit<br><b>2814</b> | Confirmation No.<br><b>1278</b>             |  |
| Invention: <b>REDUCTION OF SILICIDE FORMATION TEMPERATURE ON SiGe CONTAINING SUBSTRATES</b>  |  |                              |  |                               |   |  |
| <u>COMMISSIONER FOR PATENTS:</u>   |  |                              |  |                               |   |  |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.  |  |                              |  |                               |   |  |
| <b>CLAIMS AS AMENDED</b>   |  |                              |  |                               |   |  |
|  | CLAIMS REMAINING<br>AFTER AMENDMENT      | HIGHEST #<br>PREV. PAID FOR  | NUMBER EXTRA<br>CLAIMS PRESENT   | RATE                          | ADDITIONAL<br>FEE                           |  |
| TOTAL CLAIMS   | 17 -                                     | 27 =                         | 0  | x \$50.00                     | \$0.00                                      |  |
| INDEP. CLAIMS  | 2 -                                      | 3 =                          | 0  | x \$200.00                    | \$0.00                                      |  |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |  |                              |  |                               | \$0.00                                      |  |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>   |  |                              |  |                               | <b>\$0.00</b>                               |  |
| <div style="display: flex; flex-direction: row;"><div style="flex: 1;"><input checked="" type="checkbox"/> No additional fee is required for amendment.<br/><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____<br/><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.<br/><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>50-0510/IBM</b><br/><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.<br/><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.<br/><input type="checkbox"/> Payment by credit card. Form PTO-2038.</div><div style="flex: 1; padding-left: 20px;"><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></div></div> |  |                              |  |                               |   |  |
| <br>_____<br>Signature  |  |                              | Dated: <b>August 29, 2006</b>  |                               |   |  |
| <b>Leslie S. Szivos, Ph.D.</b><br>Registration No. 39,394<br><b>SCULLY, SCOTT, MURPHY &amp; PRESSER, P.C.</b><br>400 Garden City Plaza - Suite 300<br>Garden City, New York 11530  |  |                              | <div style="border: 1px solid black; padding: 5px;"><p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</p><p style="text-align: center;">(Date)</p><p style="text-align: center;">_____<br/>Signature of Person Mailing Correspondence</p><p style="text-align: center;">_____<br/>Typed or Printed Name of Person Mailing Correspondence</p></div> |                               |   |  |
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P11LARGE/REV09

**AUG 29 2006**

|  |  |                              |  |                               |   |  |
|--|--|------------------------------|--|-------------------------------|---|--|
| <b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>   |  |                              |  |                               | Docket No.<br><b>YOR920030218US1(16714)</b> |  |
| Applicant(s): <b>Cyril Cabral, Jr., et al.</b>   |  |                              |  |                               |   |  |
| Application No.<br><b>10/662,900</b>   | Filing Date<br><b>September 15, 2003</b> | Examiner<br><b>Long Pham</b> | Customer No.<br><b>23389</b>   | Group Art Unit<br><b>2814</b> | Confirmation No.<br><b>1278</b>             |  |
| Invention: <b>REDUCTION OF SILICIDE FORMATION TEMPERATURE ON SiGe CONTAINING SUBSTRATES</b>  |  |                              |  |                               |   |  |
| <b>COMMISSIONER FOR PATENTS:</b>   |  |                              |  |                               |   |  |
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| TOTAL CLAIMS   | 17 -                                     | 27 =                         | 0  | x \$50.00                     | \$0.00                                      |  |
| INDEP. CLAIMS  | 2 -                                      | 3 =                          | 0  | x \$200.00                    | \$0.00                                      |  |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |  |                              |  |                               | \$0.00                                      |  |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>   |  |                              |  |                               | <b>\$0.00</b>                               |  |
| <input checked="" type="checkbox"/> No additional fee is required for amendment.<br><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____<br><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.<br><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>50-0510/IBM</b><br><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.<br><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.<br><input type="checkbox"/> Payment by credit card. Form PTO-2038. |  |                              |  |                               |   |  |
| <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>  |  |                              |  |                               |   |  |
| <br>_____<br><i>Signature</i>   |  |                              | Dated: <b>August 29, 2006</b>  |                               |   |  |
| <b>Leslie S. Szivos, Ph.D.</b><br><b>Registration No. 39,394</b><br><b>SCULLY, SCOTT, MURPHY &amp; PRESSER, P.C.</b><br><b>400 Garden City Plaza - Suite 300</b><br><b>Garden City, New York 11530</b>   |  |                              | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____<br>_____<br>(Date)<br>_____<br>_____<br>Signature of Person Mailing Correspondence<br>_____<br>Typed or Printed Name of Person Mailing Correspondence |                               |   |  |
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AUG 29 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Cyril Cabral, Jr., et al.      **Examiner:** Long Pham  
**Serial No:** 10/662,900      **Art Unit:** 2814  
**Filed:** September 15, 2003      **Docket:** YOR920030218US1(16714)

**For:** REDUCTION OF SILICIDE FORMATION TEMPERATURE ON  
SiGe CONTAINING SUBSTRATES

**Confirmation No:** 1278      **Dated:** August 29, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE UNDER 37 C.F.R. § 1.111**

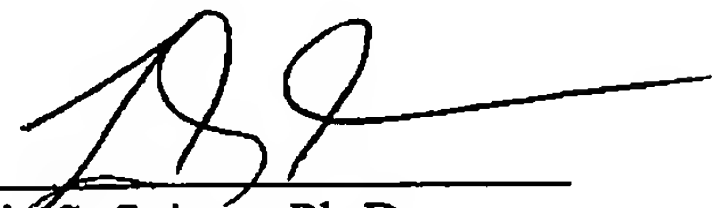
Sir:

In response to the Office Action dated June 1, 2006, applicants submit the following amendments and remarks for entry into the record of the above-identified patent application.

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this document is being filed in the United States Patent and Trademark Office on the date shown below via facsimile transmission to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 at United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

Dated: August 29, 2006

  
\_\_\_\_\_  
Leslie S. Szivos, Ph.D.